NEBRASKA
WEATHER & CROPS

For Week Ending September 19, 1993

Run 1800 9/20/93

NEBRASKA AGRICULTURAL STATISTICS SERVICE

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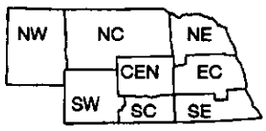
National Oceanic and Atmospheric Admn.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources--UN-L

WEATHER

Temperatures for the week averaged six to nine degrees below normals across the State. Scattered precipitation occurred throughout the week with amounts from a half inch in the southwest up to 1.77 inches in the east central.

GENERAL

Last week's sub-freezing temperatures brought variable damage to fall maturing crops, according to the Nebraska Agricultural Statistics Service. Although the full extent of crop damage is yet unknown, it appears that the Panhandle was hardest hit from killing frost. Other areas of the State reported a lighter frost with damage dependent upon stage of maturity and lay of the land. Reduced crop conditions this week reflect an assessment of frost damage. While some producers will wait to see what damage has occurred, some producers have begun ensiling freeze-damaged corn. Other producer activities included cutting weeds, moving old crop grain to elevators, and other pre-harvest preparations.

CROPS

All corn condition was rated at 1% very poor, 4% poor, 29% fair, 60% good, and 6% excellent. Dryland fields were rated at 71% good or excellent. Irrigated fields were rated at 65% good or excellent. As of Sunday, 16% of the crop had reached maturity, over two weeks behind the five-year average of 57%. Last week's frost brought crop damage to the Panhandle and other localized areas. Silage harvest was underway across the State.

CROPS (Cont.)

Soybean condition was rated at 1% poor, 36% fair, 60% good, and 3% excellent. As of Sunday, the crop was about ten days behind normal with 23% of the acreage having shed their leaves. This compares with 52% for the five-year average. Soybeans were also affected by last week's frost, with variable damage across the State's growing area.

Sorghum condition was rated at 8% poor, 46% fair, 44% good, and 2% excellent. The crop was about three weeks behind normal in reaching maturity when last week's frost occurred. Reports indicate that damage to immature plants will be greatest.

Dry bean condition was rated at 11% very poor, 26% poor, 23% fair, 37% good, and 3% excellent. This crop was also frost damaged as indicated by the drop in crop condition. Producer concerns are about the decline in quality and yield due to the shortened growing season. Harvest was rated at 31% complete.

Wheat seeding progressed at a normal pace and by week's end 47% had been sown. This compares with 57% last year and 47% for the five-year average.

Alfalfa condition was rated at 18% fair, 79% good, and 3% excellent. Third and fourth cutting activities progressed well.

LIVESTOCK

Pasture and range condition was rated at 103% of normal and compares with 99% of normal last year at this time. Cattle continue to do well on pastures.

FIELD WORK PROGRESS AS OF SEPTEMBER 19, 1993	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER-AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% corn dented	50	77	91	92	93	87	100	100	91	65	85	95
% corn mature	2	8	13	17	16	15	21	30	16	4	17	57
% sorghum turning color	0	42	78	84	78	81	79	72	74	57	65	88
% sorghum mature	0	9	9	13	7	2	6	3	5	0	4	48
% soybeans turning color	0	65	76	86	64	79	93	50	67	34	73	84
% soybeans dropping leaves	0	12	13	35	35	26	27	14	23	4	26	52
% dry beans turning	92	100	100	100	0	100	100	0	94	85	n/a	n/a
% dry beans dropping leaves	89	87	84	28	0	84	100	0	87	47	n/a	n/a
% dry beans harvested	28	40	13	9	0	40	100	0	31	11	n/a	n/a
% alfalfa third cutting	55	93	96	95	88	100	100	91	88	72	92	n/a
% alfalfa fourth cutting	0	21	6	27	20	27	15	15	15	5	17	n/a
% wheat sown	71	80	56	85	36	32	39	19	47	20	57	47
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF SEPTEMBER 17, 1993												
Days suitable	4.3	4.6	5.9	6.4	6.3	5.9	6.6	5.8	5.8	5.1	5.7	
Topsoil moisture - Short	18	13	0	25	5	13	0	7	8	8	15	
(Percent) - Adequate	73	87	100	75	95	87	92	86	89	84	79	
- Surplus	9	0	0	0	0	0	8	7	3	8	6	
Subsoil moisture - Short	8	7	0	0	0	0	0	7	3	3	3	
(Percent) - Adequate	92	86	82	87	81	100	92	86	87	81	92	
- Surplus	0	7	18	13	19	0	8	7	10	16	5	

n/a - not available

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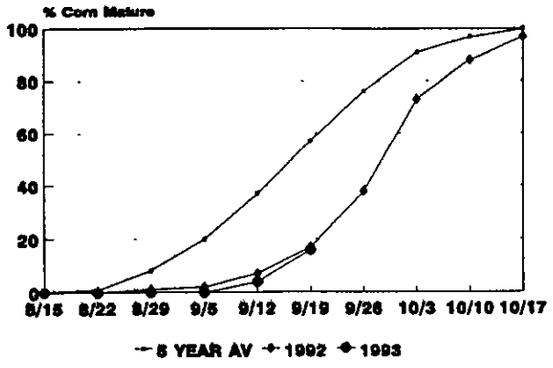
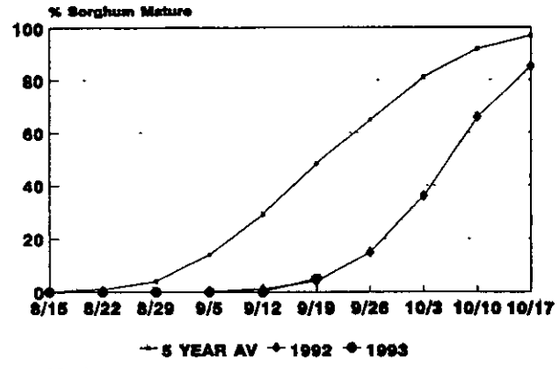
CORN MATURE



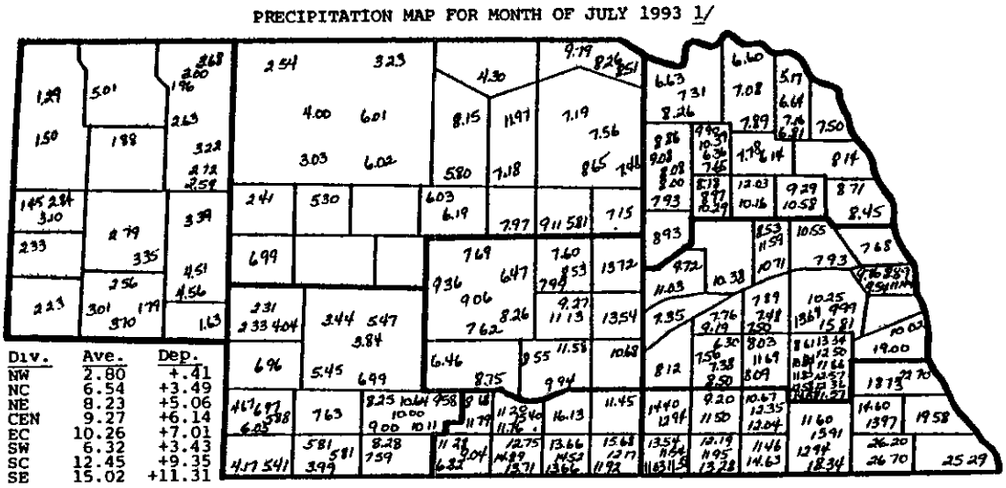
Progress as of Sunday

SORGHUM MATURE



Progress as of Sunday

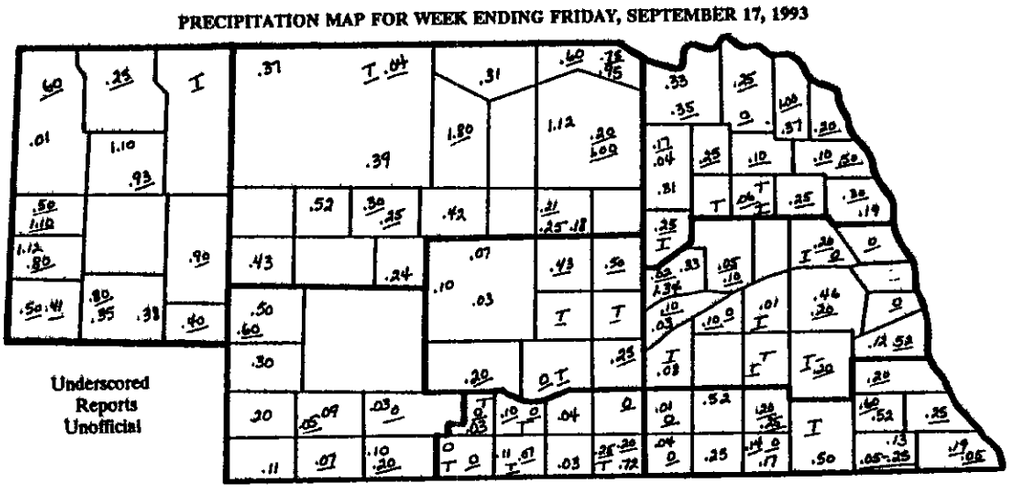
PRECIPITATION MAP FOR MONTH OF JULY 1993 1/



Div.	Ave.	Dep.
NW	2.80	+.41
NC	6.54	+3.49
NE	8.23	+5.06
CEN	9.27	+6.14
EC	10.26	+7.01
SW	6.32	+3.43
SC	12.45	+9.35
SE	15.02	+11.31

1/ Courtesy of the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, SEPTEMBER 17, 1993



PRECIPITATION, APRIL 1 - SEPTEMBER 17, 1993

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.59	.47	.18	.07	.30	.19	.09	.27
Total since April 1	13.63	21.42	27.32	25.21	31.01	19.89	28.68	33.29
Normal since April 1	12.59	15.62	18.18	16.97	19.70	14.19	17.32	20.77
Total as % of normal	108%	137%	150%	149%	157%	140%	166%	160%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,
WEEK ENDING SUNDAY, SEPTEMBER 19, 1993

	Station	Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	86	25	51	---	1.40	---	---	---
	Scottsbluff	82	27	51	-9	1.59	---	---	---
	Sidney	78	27	49	---	1.33	2135	2172	2367
NC	Valentine	76	29	50	-9	.98	---	---	---
NE	Norfolk	74	32	55	-7	1.38	---	---	---
	Sioux City	71	33	54	-8	.76	---	---	---
	Concord	---	---	---	---	---	2326	2373	2750
	Elgin	---	---	---	---	---	2298	2344	2692
	West Point*	---	---	---	---	---	2494	2548	2830
CEN	Grand Island	73	34	56	-6	.91	---	---	---
	Ord	73	29	52	---	.92	2354	2407	2699
EC	Lincoln	72	31	56	-8	1.77	---	---	---
	Omaha	71	38	56	-7	1.49	---	---	---
SW	Imperial	78	32	53	---	.50	---	---	---
	North Platte	73	34	54	-6	.38	**2236	**2288	**2639
SC	Holdrege	---	---	---	---	---	2521	2593	2878
SE	Beatrice	---	---	---	---	---	2726	2794	2990
	Clay Center	---	---	---	---	---	2560	2630	2941

1/ Precipitation totals not included in map above. * Automated weather station. ** North Platte Experiment Station.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.